

FY 2008 SUMMARY
USACE / SCA CONSERVATION INTERN & CREW PARTNERSHIPS

IOWA

Coralville Lake

52 week intern: 9/17/08 – 9/18/09

Ecological Restoration Intern: Identify and GPS invasive species for entry into the Midwest Invasive Plant Network; assist the Hawkeye Cooperative Weed Management (CWMA) with public outreach and education and grant writing; work to eradicate invasive species from undeveloped areas around the lake; work with adjacent homeowner associations in identifying and eradicating invasive species on private land adjacent to public land; organize and manage volunteer groups in invasive species management; create and present interpretive programs regarding invasive species; assist with prescribed burns (both prairie and woodland); other conservation related duties (as needed).

KENTUCKY

Buckhorn Lake

12 week interns (2): 5/20/08 – 8/12/08

Parks & Recreation/Natural Resources Mgmt Intern: Assist Park Ranger staff in the development of a newly constructed 2.5 mile interpretive hiking trail system including the placement of trail signage, water diversion structures and steps along the trail bed, 30%; manage, collect and enter data pertaining to several project programs, including Customer Comment Card Program, Gypsy Moth Trapping Program, Bird-of-prey Observation Study, Project Visitation and Project GPS/GIS data, 25%; perform visitor assistance duties at project campgrounds and recreation areas including playground inspections, bulletin board maintenance and water safety presentations etc., 25%; assist Park Ranger and Administrative staff in preparing public service announcements, campfire journals and various other computer generated documents, 10%; assist project maintenance personnel with occasional light-duty construction and/or recreation area maintenance projects, 10%.

Nolin River Lake

8 week intern: 6/13/08 – 8/15/08

Interpretive Intern: Prepare and conduct water safety programs in campgrounds and on beaches; prepare and conduct interpretive programs on a variety of topics; assist with routine boat patrols of the lake to inform visitors of unsafe boating practices; assist with collection of visitor data through the Corps comment card program; work with volunteers and local organizations to complete various work projects at the lake, including trail maintenance, wildlife habitat enhancement, and recreation area improvements; conduct the gypsy moth trapping program; distribute information to visitors; assist Rangers with collecting information related to violations of rules and regulations; assist with Nolin's shoreline management program.

KENTUCKY

Lake Barkley

16 week intern: 5/26/08 – 9/12/08

and

Lake Cumberland

13 week intern: 5/22/08 – 8/20/08

Summer Park Ranger Intern: Implement the water safety program to reduce public accidents and fatalities; provide one-on-one communication and speak to groups to present interpretive and educational programs and beach programs for all age groups; write news releases; distribute and post information to recreation areas, marinas, business and media; develop and implement a National Safe Boating Week Campaign, Safety Days, and other safety programs; staff exhibits at fairs or festivals; implement creative ways to provide for public safety; patrol by vehicle and by boat are key parts; check the condition of public use areas, commercial docks, group camps, and other recreation areas; assist park rangers by performing routine duties; ensure compliance with rules, regulations, and policies; investigate and report incidents, accidents, trespasses and damage to Government property; report violations or incidents; staff the Visitor Center to greet visitors and answer the phone; write reports including the fishing report; take and record water temperatures; install, read and make field repairs to traffic counters; perform other duties as assigned; represent the Corps in this public contact role by wearing and maintaining a prescribed uniform and present a neat, clean, and well-groomed appearance.

MASSACHUSETTS

West Hill Dam / Charles River Natural Valley Storage Area

52 week interns (2): 1/14/08 – 1/15/09 & 4/15/08 – 4/14/09

GIS Intern: Locate Corps boundary and easement lines and property markers (using GPS Trimble Geo XT); gather data and enter into database for export into Arcview GIS version 9.1; scan and geo reference survey related documents; create maps using raster data sets and shape files, provide contractor with complete data package for boundary maintenance work. Additional GIS assignments do become available as needed.

OREGON

Bonneville Lock & Dam

20 week interns (6): 1/7/08 – 5/30/08

Sea Lion Observer Intern: Observe sea lion predation on salmon and other species below Bonneville Dam; watch with binoculars to enumerate predation events; identify species of fish taken; identify species of pinnipeds present and number of pinnipeds present; identify individual pinnipeds and note other behaviors; study the impacts of harassment methods; data input and analysis. Observations occur from dawn to dusk at three locations at the dam, seven days a week.

PENNSYLVANIA

Raystown Lake

26 week intern: 7/16/07 – 1/6/08

Biological Technician: Serve as a biological technician performing natural resource inventories (using the national vegetation classification system) on large tracts of federal property; summarize data; transfer field data to GIS systems, prepare required reports; arrange biological data and analysis information into tabular or graphic format for inclusion into documents; perform studies of vegetation or other natural resources; collect field data across a variety of landscape tasks in all types of weather.

Tioga-Hammond & Cowanesque Lakes

12 week interns (2): 6/2/08 – 8/25/08

Environmental Stewardship Intern: Inventory, monitor, and manipulate terrestrial and aquatic species including invasive species; inspect and maintain boundaries; inspect and maintain trails; provide environmental education for park visitors; inventory and map previously disturbed areas; collect and summarize field data; transfer data to GIS systems; prepare required reports; arrange biological data; analyze information into tabular or graphic format for inclusion into documents; perform studies of vegetation or other natural resources; collect field data across a variety of landscapes tasks in all types of weather.

TENNESSEE

Cheatham Lake (1 intern)

Cordell Hull Lake (1 intern)

J. Percy Priest Lake (1 intern)

Old Hickory Lake (1 intern)

12 – 16 week interns: 5/19/08 – 9/8/08

Summer Park Ranger Intern: Implement the water safety program to reduce public accidents and fatalities; provide one-on-one communication and speak to groups to present interpretive and educational programs and beach programs for all age groups; write news releases; distribute and post information to recreation areas, marinas, business and media; develop and implement a National Safe Boating Week Campaign, Safety Days, and other safety programs; staff exhibits at fairs or festivals; implement creative ways to provide for public safety; patrol by vehicle and by boat are key parts; check the condition of public use areas, commercial docks, group camps, and other recreation areas; assist park rangers by performing routine duties; ensure compliance with rules, regulations, and policies; investigate and report incidents, accidents, trespasses and damage to Government property; report violations or incidents; staff the Visitor Center to greet visitors and answer the phone; write reports including the fishing report; take and record water temperatures; install, read and make field repairs to traffic counters; perform other duties as assigned; represent the Corps in this public contact role by wearing and maintaining a prescribed uniform and present a neat, clean, and well-groomed appearance.

TEXAS

Bardwell Lake

26 week intern: 8/31/08 – 3/1/09

Volunteer Site Leader Intern Act as site leader for all volunteers at Bardwell Lake; facilitate project planning and oversight; make purchase requests for required supplies; travel between all sites of the Trinity Region to conduct safety and operation trainings on USACE equipment utilized by volunteers.

Whitney Lake

8 week interns (2): 1/7/08 – 2/29/08

Park Ranger Intern : Walk government property line, and using GPS/GIS equipment, document monuments and encroachments onto government land, 80%; assist with various natural resource and recreation projects, and perform minor administrative and clerical duties, 20%.

VERMONT

Upper Connecticut River Basin

12 - 26 week interns (10): 5/14/08 – 11/30/08

Wildlife Management Intern: Assist with various wildlife inventories (small mammals, bats, birds, herptiles) in a variety of habitats and locations, 75%; assist with a variety of resource management activities, 15%; computer data entry, 10%.

Wildlife Management/Birding Intern: Conduct various bird inventories (point counts, transect surveys, waterfowl surveys, nightbird surveys, raptor surveys) and assist with a variety of other wildlife inventories (small mammals, herptiles, bats) in a variety of habitats and locations, 70%; assist with a variety of resource management activities including invasive plant control and eradication, 20%; computer data entry, 10%.

Wildlife Management/Small Mammals Intern: Conduct various small mammal inventories (mainly livetrapping) and assist with a variety of other wildlife inventories (birds, herptiles, bats) in a variety of habitats and locations, 70%; assist with a variety of resource management activities including invasive plant control and eradication, 20%; computer data entry, 10%.

Wildlife Management/Bats Intern: Conduct various small mammal inventories (mainly bat mistnetting) and assist with a variety of other wildlife inventories (small mammals, birds, herptiles) in a variety of habitats and locations, 70%; assist with a variety of resource management activities including invasive plant control and eradication, 20%; computer data entry, 10%.

Upper Connecticut River Basin

21 Day High School Crew: 7/3/08 – 7/23/08

Six members / two leaders. Lopping/sawing/pulling of invasive plants -- especially honeysuckle, autumn olive, and garlic mustard.

WASHINGTON

Chief Joseph Dam

21 Day High School Crew: 6/12/08 – 7/2/08

Six members / two leaders. Two to three days will be spent on fence maintenance, fire line maintenance, and trail maintenance at a primitive boat-in only campsite. The remainder of the time will be spent planting trees critical for wildlife and removing larger trees that have already been cut to the ground. Multiple opportunities for environmental education will occur during the visit.

WASHINGTON

Clarkston Natural Resources Office

26 week intern: 1/7/08 – 3/31/08

GIS Specialist Intern: Data management of existing areas; upload new data into databases and update metadata when changes occur; work to coordinate system issues; create new data layers from spreadsheets; work with geodatabases and Trimble XRS/Recon; identify plant species and habitats; assist with ongoing projects such as flood control data collection, levee inspections, Piezometer readings, goose nest egg count surveys updating and printing maps, working with maintenance crew and infrastructure mapping (to name only a few of the possible projects); assist with future projects such as incident logs, ranger reports, vandalism and tickets/warnings, determining migratory and resident bird species and population density, collect pesticide application data and analyze effectiveness and create GIS coverages for botanical survey (to name only a few).

26 week intern: 4/7/08 – 10/6/08

GIS Specialist Intern: Develop a GIS project for this office to include mapping, infrastructure locations, and vegetation mapping; assist a multi-functioning office in the development and maintenance of recreational, fish and wildlife and operational programs of the GIS/GPS data management program.

